

**In the Specification:**

Please replace at the end of the specification the initial sequence listing filed on December 16, 2004 with the substitute sequence listing, pages 1-[[#]], submitted herewith.

Please replace paragraph [0351] with the following amended paragraph:

[0351] Nucleotide sequence of heavy chain variable region and a portion of constant region:

5' CGGCCGCTATTTACCCAGAGACAGGGAGAGGCTCTTCTGTGTGTAGTGGTTGTGCAGAGCCTCATGCATCACG  
GAGCATGAGAAGACATTCCCCTCCTGCCACCTGCTCTTGTCCACGGTTAGCCTGCTGTAGAGGAAGAAGGAGCCGT  
CGGAGTCCAGCACGGGAGGCGTGGTCTTGTAGTTGTTCTCCGGCTGCCATTGCTCTCCCACTCCACGGCGATGTC  
GCTGGGGTAGAAGCCTTTGACCAGGCAGGTGAGGCTGACCTGGTTCTTGGTCATCTCCTCCTGGGATGGGGGCAGG  
GTGTACACCTGTGGCTCTCGGGGCTGCCCTTTGGCTTTGGAGATGGTTTTCTCGATGGAGGACGGGAGGCCTTTGT  
TGGAGACCTTGCACTTGTACTCCTTGCCGTTTCAGCCAGTCCTGGTGCAGGACGGTGAGGACGCTGACCACACGGTA  
CGTGCTGTTGAACTGCTCCTCCCGCGGCTTTGTCTTGGCATTATGCACCTCCACGCCATCCACGTACCAGTTGAAC  
TGGACCTCGGGGTCTTCTGGCTCACGTCCACCACCACGCACGTGACCTCAGGGGTCCGGGAGATCATGAGAGTGT  
CCTTGGGTTTTTGGGGGGAACAGGAAGACTGATGGTCCCCCAGGAACTCAGGTGCTGGGCATGATGGGCATGGGGG  
ACCATATTTGGACTCAACTCTCTTGTCCACCTTGGTGTGCTGGGCTTGTGATCTACGTTGCAGGTGTAGGTCTTC  
GTGCCCCAAGCTGCTGGAGGGCACGGTCACCACGCTGCTGAGGGAGTAGAGTCCTGAGGACTGTAGGACAGCCGGGA  
AGGTGTGCACGCCGCTGGTCAGGGCGCCTGAGTTCCACGACACCGTCACCGGTTCCGGGAAGTAGTCCTTGACCAG  
GCAGCCCAGGGCGGCTGTGCTCTCGGAGGTGCTCCTGGAGCAGGGCGCCAGGGGGAAGACGGATGGGCCCTTGGTG  
GAAGCTGAGGAGACGGTGACCAGGGTTCCTGGCCCCAGTAGTCAAACCCCCAGTGATGTCTACTATTATCATAGT  
AATCTCTCGCACAGTAATACACAGCCGTGTCCTCGGCTCTCAGGCTGTTTCAATTTGCAGATACAGCGTGTCTTGA  
ATTGTCTCTGGAGATGGTGAATCGGCCCTTCACGGAGTCTGCATAGAGTTTATTACTTCCATCATACCATAAAT  
GCCACCATTTTCAGCCCCTTGCCTGGAGCCTGGCGGACCCAGTCATGCCATAGCGACTGAAGATGAATCCAGACG  
CTGCACAGGAGAGTCTCAGGGACCTCCAGGCTGGACCACGCCTCCCCAGACTCCACCAGCTGCACCTGACACTG  
GACACCTTTTAAATAGCCACAAGAAAAGCCAGCTCAGCCCAAATCCATGGTGGTCGACT3' (~~SEQ ID~~  
~~NO:136~~) (SEQ ID NO: 49)

Please replace paragraph [0352] with the following amended paragraph:

[0352] Amino acid sequence of heavy chain variable region and a portion of constant region encoded by ~~SEQ ID NO:136~~ SEQ ID NO: 49:

MEFGLSWLFLVAILKGVQCQVQLVESGGGVVQPGRSRLRLSCAASGFIFSRYGMHWVRQAPGKGLKWVAVIWYDGSN  
KLYADSVKGRFTISRDNKNTLYLQMNSLRAEDTAVYYCARDYYDNSRHHWGFDYWGQGTLLTVSSASTKGPSVFP  
LAPCSRSTSESTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYTCNVD  
HKPSNTKVKDRVESKYGPPCPSPAPEFLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSQEDPEVQFNWYVDGV  
EVHNAKTKPREEQFNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKGLPSSIEKTIKAKGQPREPQVYTLPPSQEEM  
TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSRLTVDKSRWQEGNVFSCSVMEALHN  
HYTQKSLSLSLGK (~~SEQ ID NO:137~~) (SEQ ID NO: 50)

Please replace paragraph [0353] with the following amended paragraph:

[0353] Nucleotide sequence of light chain variable region and a portion of constant region:

5' AGTCGACCACCATGGAAACCCAGCGCAGCTTCTCTTCTCCTGCTACTCTGGCTCCCAGATACCACCGGAGAT  
ATTGTGATGACCCAGACTCCACTCTCCCTGCCCCTCACCCCTGGAGAGCCGGCCTCCATCTCCTGCAGGTCTAGTC  
GGAGCCTCTTGGATAGTGATGATGGAAACACCTATTTGGACTGGTACCTGCAGAAGCCAGGGCAGTCTCCACAGCT  
CCTGATCTACACGCTTTCTATCGGGCCTCTGGAGTCCCAGACAGGTTTCACTGGCAGTGGGTGAGGCACTGATTTT  
ACACTGAAAATCAGCAGGGTGGAGGCTGAGGATGTTGGAGTTTATTACTGCATGCAACGTGTAGAGTTTCTATCA  
CCTTCGGCCAAGGGACACGACTGGAGATTAAACGAAGTGTGGCTGCACCATCTGTCTTCATCTTCCCGCCATCTGA  
TGAGCAGTTGAAATCTGGAATGCCTCTGTTGTGTGCCTGCTGAATAACTTCTATCCCAGAGAGGCCAAAGTACAG  
TGGAAGGTGGATAACGCCCTCCAATCGGGTAACTCCCAGGAGAGTGTACAGAGCAGGACAGCAAGGACAGCACCT  
ACAGCCTCAGCAGCACCTGACGCTGAGCAAAGCAGACTACGAGAAACACAAAGTCTACGCCTGCGAAGTACCCCA  
TCAGGGCCTGAGCTCGCCCCTCACAAAGAGCTTCAACAGGGGAGAGTGTAGGCGGCCG3' (~~SEQ ID~~  
~~NO:138~~) (SEQ ID NO: 51)

Please replace paragraph [0354] with the following amended paragraph:

[0354] Amino acid sequence of light chain variable region and portion constant region by  
~~SEQ ID NO:138~~ SEQ ID NO: 51:

METPAQLLFLLLLLWLPD~~TTG~~DI~~VT~~MT~~QT~~PL~~SL~~PV~~TP~~GP~~EP~~AS~~IS~~CR~~SS~~RS~~LL~~DS~~DDGN~~TYLDWYLQKPGQSPQLLIYT  
LSYRASGV~~PDR~~FGSGSG~~TD~~FT~~LK~~IS~~RVE~~AED~~V~~GV~~YYCM~~QR~~VE~~FPIT~~F~~GQ~~GR~~LE~~IK~~RT~~V~~AA~~PSVF~~I~~FP~~PS~~DEQLK  
SGTASVVCLLN~~FYP~~PRE~~AKVQ~~WKVD~~NALQ~~SGNS~~QES~~VTE~~QDS~~KST~~YSL~~SST~~LT~~LS~~KA~~DY~~EK~~HK~~VY~~AC~~EV~~THQGLS  
SPVTKS~~FNRGEC (~~SEQ ID NO:139~~) (SEQ ID NO: 52)~~

Please replace paragraph [0357] with the following amended paragraph:

[0357] Amino acid sequence of heavy chain variable region and a portion of constant region encoded by SEQ ID NO:45:

XXX~~EQ~~SGG~~GVVQ~~PGR~~SL~~RL~~SC~~AA~~S~~G~~FT~~F~~SS~~YG~~MY~~WV~~RQ~~AP~~GK~~GL~~EW~~VA~~VI~~WD~~GS~~NK~~YA~~DS~~VK~~GR~~FTISRDNSK  
NT~~LY~~LQ~~MN~~SLR~~AEDTA~~VYC~~AR~~DFY~~DS~~SRY~~HGM~~DVWG~~QTTVTVSSA~~STKGPSVFLAPCSRSTSESTAALGCLV  
KDY~~FP~~EPVTVSWNSGALTSGVHTFPAVLQSSGLS (~~SEQ ID NO:140~~) (SEQ ID NO: 136)~~

Please replace paragraph [0359] with the following amended paragraph:

[0359] Amino acid sequence of light chain variable region and a portion of constant region encoded by SEQ ID NO:47:

XXXXTQCPLSLPVTGPGEPAISCRSSQSLLDSDDGNTYLDWYLQKPGQSPQLLIYTVSYRASGVPDRFSGSGSGTD  
FTLKISRVEAEDVGVYYCMQRIEFPITFGQGTRLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLN ~~(SEQ ID~~  
~~NO:141)~~ (SEQ ID NO: 137)